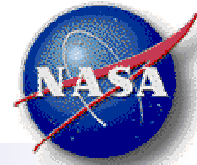


February 26, 2004
Leigh Gatto

Code 589 Project Status



Code 589 Project Status

AS of 02/26/2004

Project	Dec	Jan	Feb	CS	Notes
ARISE	G	Y	R	0.70	Advanced Range Technology Initiative lost SLI funding. The project can not purchase hardware, software, or contractor support.
ASD	G	G	G	1.70	Demonstrated receipt of APS-143 automated data. Revised schedule around higher priority projects.
ASF	G	G	G	0.20	Meeting set with PI and 588 representatives 3/03/04. Currently supporting design activities.
Balloon Instrumentation	G	G	G	0.50	Met with project to determine the level of support that will be provided by Code 589.
GRASP	G	G	G	0.40	Presented overview to Code 820 on 2/13/04; received favorable comments. Preparing revised estimates for a subset of proposed work.
OSAT	G	G	G	0.05	Software currently ready to support original requirements. Designing additional requested functionality, existing source code reviewed and selected for reuse in the additional effort.
Ozone Sonde Pump Efficiency System	G	G	G	0.70	Progress continues, equipment being received. One item was faulty and had to be returned; no impact on schedule.
POC Lidar	G	G	G	0.95	Completed basic user interface functions, data acquisition, and archiving as requested. Added functionality to control lidar iris. Testing performed on software in current state with wave tank. Making adjustments and corrections as necessary. Preparing for next phase of software development.
RADAC	G	G	G	0.75	RADAC testing is ongoing. Control computer hardware delivery is imminent. NENS, Range Safety, and Code 589 are creating a super set of test requirements that must be met and that have the highest priority for Range Safety certification. Transition to NENS by 7/01/04, on schedule.
Range Rapid Response Operations	G	Y	R	1.20	Advanced Range Technology Initiative lost SLI funding. The project can not purchase hardware, software, training, or contractor support.
				7.15	

Code 589 Project Status



Code 589 Project Status

As of 02/26/2004

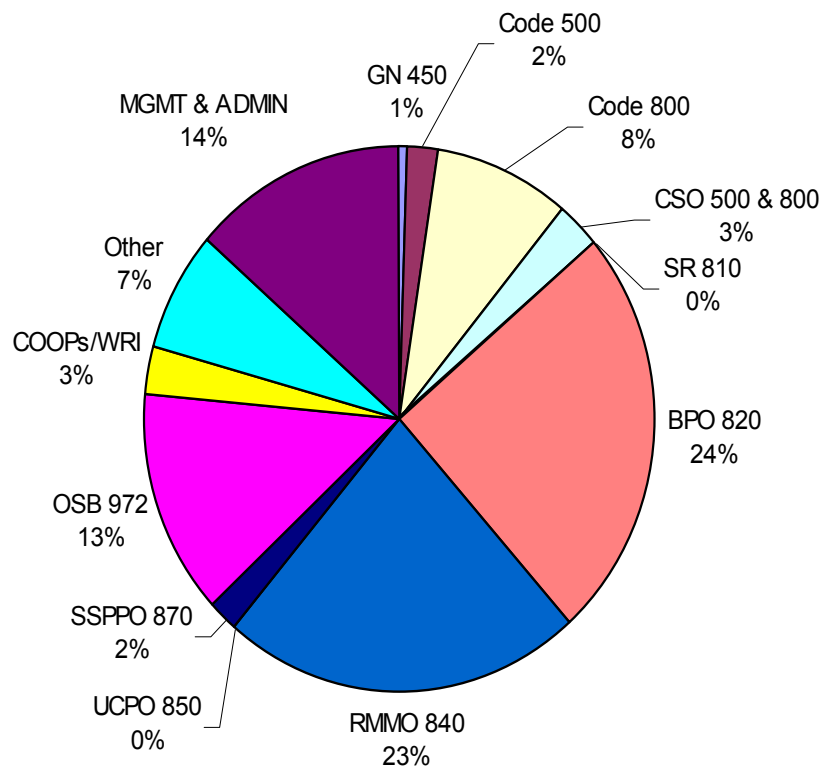
Project	Dec	Jan	Feb	CS	Notes
ULDB CREAM	Y	Y	G	4.00	The project rated C&DH yellow until successful environmental testing on the spare flight computer was accomplished on 2/20/04. An Engineering Support Center has been established in building F-7. ITOS/Code 584 has completed testing with a new version of RedHat Linux OS. This new configuration is in use for I&T testing. The final release of flight software has been delivered to the project. The CREAM Flight Computer FRB results have been presented to the Project and Code 500 management. Project FRB responses have been received.
Wallops Web Redesign	G	G	G	0.50	Information Architecture working draft and layout design are nearly complete. PAO has reviewed. Troubleshooting technical content management issues continues. Need to purchase fonts to conform to OneNASA look-and-feel. Second level pages are in design.
Wind Weighting	G	G	G	0.80	Collected and analyzed balloon track test data. Preparing for March '04 software delivery and pre-shipment test.
WISDM	G	G	G	1.50	As of June 2003, the Range and Mission Management Office (Code 840) has used the system to provide range project scheduling and resource management. Also in 2003, an automated Customer Feedback system was implemented for the Code 800 program offices, with an ISO Best Practices citation. Code 800 has funded the Program Offices Infusion of New Technology (POINT) to standardize, web-enable, and streamline their status reporting processes through WISDMS. The XML Portal for Range Safety (XPRS) will provide a document management and configuration management system through WISDMS for Range Safety program execution, when funding becomes available.
				6.80	
	WFF TOTAL			13.95	

589 Staffing Overview – FY03



GN 450	0.12
Code 500	0.35
Code 800	1.55
CSO 500 & 800	0.51
SR 810	0
BPO 820	4.48
RMMO 840	4.19
UCPO 850	0
SSPPO 870	0.34
OSB 972	2.44
COOPs/WRI	0.5
Other	1.32
MGMT & ADMIN	2.5
TOTAL	18.3

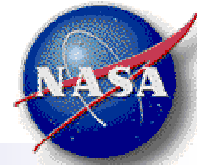
589 Staff Breakout



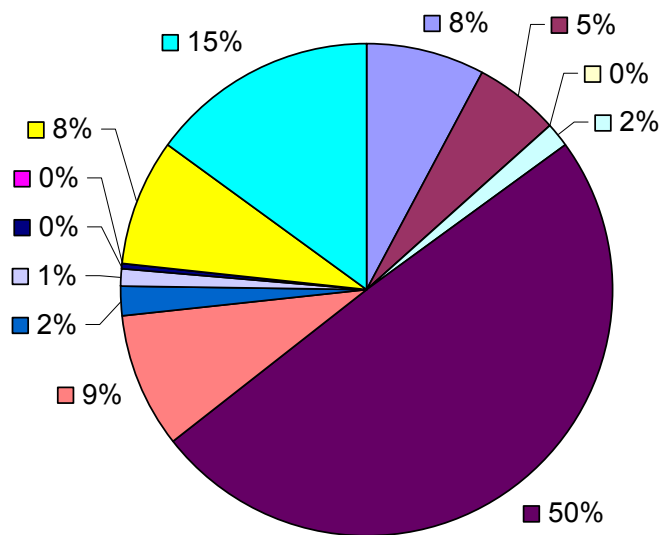
Delta/Notes:

- Total Permanent FT and PT employees: 18.3

589 Staffing Overview – FY03



Code 589 Business Types FY04



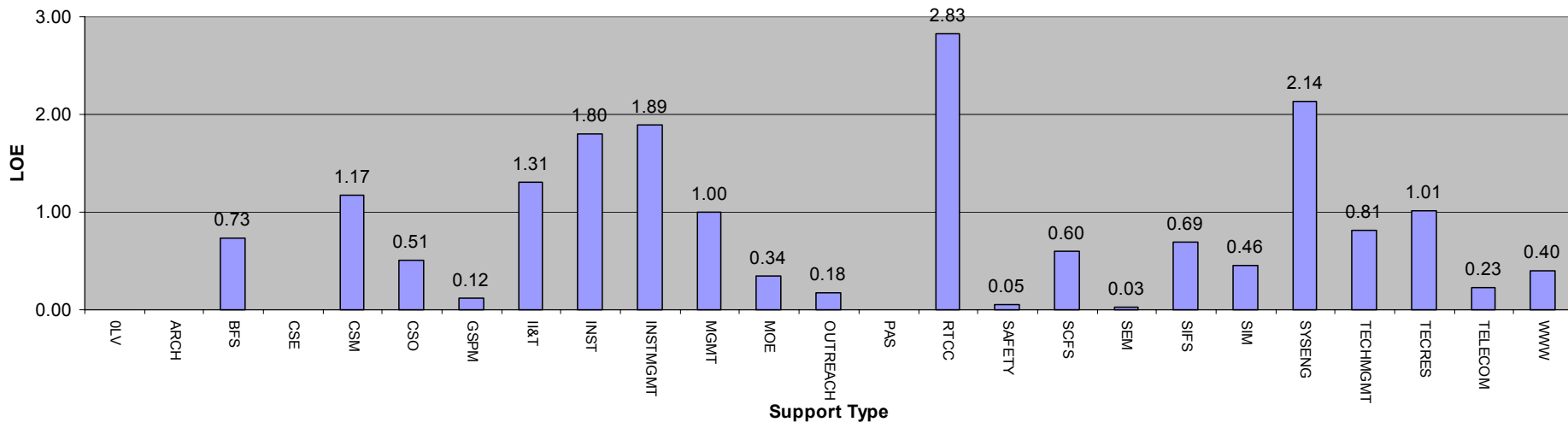
- AISE-Mission Request
- AISE-Tech Dev
- AISE-Unique
- AISE-Proc Improv
- ISE-Primary Work, Standard
- ISE-Primary Work, Standard Investment
- ISE-Primary Work, Specialized
- ISE-Directed, Standard
- ISSI-Fac Mgmt
- ISSI-Admin IT
- ISSI-Other
- Management

- **Richard Beyma**
 - returned on 1/20/04 for his second co-op term with Code 589
 - Richard is working on ASD testing and Branch CM activities
- **FY06 Co-op hire**
 - original plan was to identify a GSITI/UMES candidate
 - UMES has provided limited applicants
 - Dale Colbert notified in an attempt to increase applicant pool

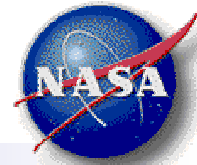
589 Staffing Overview – FY03



Code 589 Support Types for FY04



589 Staffing Overview – FY03



Org	Employee	Project	Support Type	ISD Business Type	FY04
589	BALDWIN, TONY	Harmful Algal Bloom Spectroscopy (HABS)	SYSENG	AISE-Tech Dev	0.08
589	BALDWIN, TONY	Sounding Rocket Program Flight & Ground S/W	RTCC	ISE-Primary Work, Standard	
589	BALDWIN, TONY	Balloons Propeller Trajectory Control Systems	RTCC	ISE-Primary Work, Standard	
589	BALDWIN, TONY	Ozone Sonde Project	RTCC	ISE-Primary Work, Standard Investme	0.90
589	BALDWIN, TONY	Wallops Refocusing Initiative (WRI)	INST	ISSI-Other	0.02
589	BEYMA, RICHARD	Advanced Surveillance Demonstrator	SEM	ISE-Primary Work, Specialized	0.03
589	BEYMA, RICHARD	Branch CM	CSM	ISE-Primary Work, Standard	0.47
589	DAISEY, TED	ULDB CREAM Control Center Development	RTCC	ISE-Primary Work, Standard	0.95
589	DAISEY, TED	Part-Time Graduate Study Program	INST	ISSI-Other	0.05
589	DAVIS, DAVID	Advanced Range Integrated Simulation Environment (ARISE)	SIM	AISE-Mission Request	0.46
589	DAVIS, DAVID	ADEOS II, Advanced Earth Observing System	GSPM	ISE-Primary Work, Standard	0.12
589	DAVIS, DAVID	RADAC, Range and Data Acquisition Computing System	INSTMGMT	ISE-Primary Work, Standard	0.42
589	DAVIS, DAVID	Systems support to RMMO	SYSENG	ISE-Primary Work, Standard	
589	DAVIS, DAVID	ES/GN Sub-Orbital Services	TELECOM	ISE-Primary Work, Standard	
589	DAVIS, RODNEY	Balloons Propeller Trajectory Control Systems	BFS	AISE-Mission Request	
589	DAVIS, RODNEY	Generic Reusable AeroSpace Platform (GRASP)	SCFS	AISE-Tech Dev	0.52
589	DAVIS, RODNEY	ULDB CREAM FSW	BFS	ISE-Primary Work, Standard Investme	0.48
589	ELLIOTT, JOHN	SEM/GAS	MOE	ISE-Primary Work, Specialized	0.34
589	ELLIOTT, JOHN	Balloons Instrumentation Team	II&T	ISE-Primary Work, Standard	0.35
589	ELLIOTT, JOHN	Advanced Surveillance Demonstrator (ASD)	INSTMGMT	ISE-Primary Work, Standard	0.31
589	GATTO, LEIGH	Branch Management	MGMT	Management	1.00
589	KLECKNER, SANDRA	Rapid Reponse Range Operations	SYSENG	AISE-Mission Request	0.48
589	KLECKNER, SANDRA	Balloons Propeller Trajectory Control Systems	RTCC	ISE-Primary Work, Standard	
589	KLECKNER, SANDRA	Federal Women's Program Management	INST	ISSI-Other	0.20
589	KLECKNER, SANDRA	WFF Web Redesign	WWW	ISSI-Other	0.32
589	MASON, ROGER	Branch CM	CSM	ISE-Primary Work, Standard	0.68
589	MASON, ROGER	Advanced Surveillance Demonstrator	II&T	ISE-Primary Work, Standard	0.18
589	MASON, ROGER	Branch Safety Representative	SAFETY	ISSI-Fac Mgmt	0.05
589	MASON, ROGER	500 & 800 Deputy CSO	CSO	ISSI-Other	0.09
589	MATTHEWS, MICHAEL	Sounding Rocket Program Flight & Ground S/W	RTCC	ISE-Primary Work, Standard	
589	MATTHEWS, MICHAEL	ECS Resilient Flight Control Systems	SCFS	ISE-Primary Work, Standard	0.08
589	MATTHEWS, MICHAEL	Particulate Organic Carbon (POC) Lidar Exp.	SIFS	ISE-Primary Work, Standard	0.69
589	MATTHEWS, MICHAEL	Observational Sciences Airborne Tracking (OSAT)	TELECOM	ISE-Primary Work, Standard	0.23
589	MITCHELL, ANDREW	Branch CM	CSM	ISE-Primary Work, Standard	0.02
589	MITCHELL, ANDREW	Adaptive Sensor Fleet (ASF)	SYSENG	ISE-Primary Work, Standard	0.28
589	MITCHELL, ANDREW	Program Offices Infusion of New Technology	TECRES	ISE-Primary Work, Standard	0.50
589	MITCHELL, ANDREW	XML Portal for Range Safety (XPRS)	TECRES	ISE-Primary Work, Standard	0.10
589	MITCHELL, ANDREW	PIP II	INST	ISSI-Other	0.10

589 Staffing Overview – FY03



589	MORGAN, DWAYNE	Fault Tolerant Ultra-Low Latency Processor	TECRES	AISE-Unique	0.03
589	MORGAN, DWAYNE	Graduate Student IT Initiative (GSITI) Program	OUTREACH	ISE-Directed, Standard	0.18
589	MORGAN, DWAYNE	CREAM Flight Computer Failure Review Board	BFS	ISE-Primary Work, Standard	0.16
589	MORGAN, DWAYNE	GMSEC	RTCC	ISE-Primary Work, Standard	
589	MORGAN, DWAYNE	Part-Time Graduate Study Program	INST	ISSI-Other	0.08
589	MORGAN, DWAYNE	Branch Management (Technical)	TECHMGMT	Management	0.55
589	PARKS, DEBRA	CREAM FSW Development	BFS	ISE-Primary Work, Standard	0.09
589	PARKS, DEBRA	Balloons Instrumentation Team	II&T	ISE-Primary Work, Standard	0.08
589	PARKS, DEBRA	ULDB CREAM PDL	INSTMGMT	ISE-Primary Work, Standard	0.75
589	PARKS, DEBRA	Balloons POC	TECHMGMT	Management	0.08
589	PITTMAN, PAMELA	Advanced Range Integrated Simulation Environment (ARISE)	SYSENG	AISE-Mission Request	0.32
589	PITTMAN, PAMELA	Rapid Response Range Operations	SYSENG	AISE-Proc Improv	0.31
589	PITTMAN, PAMELA	Adaptive Sensor Fleet (ASF)	SYSENG	AISE-Tech Dev	0.13
589	PITTMAN, PAMELA	Balloons Propeller Trajectory Control Systems	RTCC	ISE-Primary Work, Standard	
589	PITTMAN, PAMELA	972 POC	TECHMGMT	Management	0.04
589	SEMANCIK, SUSAN	Technology planning RMMO	TECRES	AISE-Mission Request	
589	SEMANCIK, SUSAN	XML Portal for Range Safety (XPRS)	TECRES	AISE-Tech Dev	0.12
589	SEMANCIK, SUSAN	Balloons Propeller Trajectory Control Systems	BFS	ISE-Primary Work, Standard	
589	SEMANCIK, SUSAN	WISDMS	SYSENG	ISE-Primary Work, Standard	0.54
589	SEMANCIK, SUSAN	Rapid Response Range Operations	SYSENG	ISE-Primary Work, Standard	
589	SEMANCIK, SUSAN	System support RMMO	SYSENG	ISE-Primary Work, Standard	
589	SEMANCIK, SUSAN	Program Offices Infusion of New Technology	INST	ISE-Primary Work, Standard Investme	0.25
589	SEMANCIK, SUSAN	840 POC	TECHMGMT	Management	0.09
589	SMITH, DONNA	Wind Weighting	II&T	ISE-Primary Work, Standard	0.52
589	SMITH, DONNA	Advanced Surveillance Demonstrator (ASD) PDL	INSTMGMT	ISE-Primary Work, Standard	0.41
589	SMITH, DONNA	Part-Time Graduate Study Program	INST	ISSI-Other	0.08
589	STANCIL, ROBERT	ULDB CREAM Control Center	RTCC	ISE-Primary Work, Standard	0.83
589	STANCIL, ROBERT	Balloons Propeller Trajectory Control Systems	RTCC	ISE-Primary Work, Standard	0.15
589	STANCIL, ROBERT	Part-Time Graduate Study Program	INST	ISSI-Other	0.02
589	TAYLOR, AMY	Part-Time Undergraduate Study Program	INST	ISSI-Other	0.05
589	TAYLOR, AMY	Branch Secretary	INST	Management	0.95
589	TAYLOR, EARL	Globalhawk	II&T	AISE-Mission Request	0.18
589	TAYLOR, EARL	WFF Geophysical Observatory	TECRES	AISE-Tech Dev	0.13
589	TAYLOR, EARL	Fault Tolerant Ultra-Low Latency Processor	TECRES	AISE-Unique	0.01
589	TAYLOR, EARL	UAV Aerosonde Interface	II&T	ISE-Primary Work, Standard	
589	TAYLOR, EARL	RMMO Review Support	TECRES	ISE-Primary Work, Standard	0.12
589	TAYLOR, EARL	IT Security	CSO	ISSI-Other	0.42
589	TAYLOR, EARL	WFF Web Redesign	WWW	ISSI-Other	0.08
589	TAYLOR, EARL	Technology POC	TECHMGMT	Management	0.05
					18.30

ADEOS	Advanced Earth Observation Satellite	NGN	NASA Ground Network
ARISE	Advanced Range Integrated Simulation Environment	NICMOS	Near Infrared Camera & Multi-Object Spectrometer
ARTI	Advanced Range Technology Initiative	OASIS	Ocean-Atmosphere Sensor Integration System
ASD	Advanced Surveillance Demonstrator	ODU	Old Dominion University
BPO	Balloon Program Office	ORR	Operational Readiness Review
CCR	Configuration Change Request	OSAT	Observational Science Airborne Tracking
CNES	Centre National d'Etudes Spatiales (French Space Agency)	OSB	Observational Science Branch
CoO	Continuous Operation	POC Lidar	Particulate Organic Carbon Lidar
CPU	Central Processing Unit	PSU	Penn State University
CSO	Computer Security Officer	RADAC	Range Data Acquisition
CSOC	Consolidated Space Operations Contract	REOC	Remote Earth Observing Control Center
DSCO	Deputy Computer Security Officer	RMMO	Range and Mission Management Office
DR	Design Requirement	ROWS	Radar Ocean Wave Spectrometer
DRS	Disturbance Reduction System	RTEMS	Real-time Executive Multiprocessor System
DSA	Distributed Spacecraft Systems Architecture	RTOS	Real-time Operating System
EMOS	EOS Mission Operations System	SEB	Source Evaluation Board
EOS	Earth Observatory System	SI C&DH	Science Instrument Command & Data Handling
EOSDIS	EOS Data Information System	SEB	Source Evaluation Board
FSW	Flight Software	SEM	Space Experiment Module
GAS	Get Away Special	SITS	Science Instrument Test System
GMSEC	GSFC Mission Services Evolution Center	SMEX	Small Explorer
GPM	Global Precipitation Measurement	SR	Sounding Rockets
HABS	Harmful Algal Bloom Spectroscopy	SRP	Sounding Rockets Program
IMDC	Integrated Mission Design Center	SSPPO	Small Shuttle Payloads Projects Office
IRAC	Infrared Array Camera	SSM	Support Service Module
ISIM	Integrated Science Instrument Module	UCPO	University Class Projects Office
LRTEE	Launch Range Technology Evaluation Environment	ULDB	Ultra Long Duration Balloon
MRR	Mission Readiness Review	ULDB TIGER	The Trans Iron Galactic Element Recorder
NASDA	National Aeronautical Space Defense Agency of Japan	ULDB CREAM	Cosmic Ray Energetics And Mass Balloon Experiment
		VCSFA	Virginia Commercial Space Flight Authority
		WISDM	Wallops Integrated Scheduling and Documentation Management